

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/087125 A2

(51) International Patent Classification⁷: **A61B 19/00**

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(21) International Application Number:
PCT/GB2005/000933

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(22) International Filing Date: 10 March 2005 (10.03.2005)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
04251371.3 10 March 2004 (10.03.2004) EP
60/575,389 1 June 2004 (01.06.2004) US

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(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ORTHOPAEDIC OPERATING SYSTEMS, METHODS, IMPLANTS AND INSTRUMENTS

(57) Abstract: Orthopaedic operating systems, operating rooms, computer aided surgical methods, trackable implants, instruments and surgical planning and IGS software applications are described. The integrated surgical system is for use in an orthopaedic operating room to enable a surgeon to carry out a computer aided surgical procedure on a subject. A subject support, wireless magnetic tracking system, registration system, at least a first display device, a control system and a surgeon interface operable by the surgeon to control operation of the plurality of parts of the integrated surgical system are provided. The method comprises determining the position of at least a first marker being wirelessly tracked by a wireless magnetic tracking system, registering the position of the body part of the subject with an image of the body part of the subject, displaying a registered image of the body part of the subject and at least an image representative of an implant, and receiving a command from a surgeon interface operable by the surgeon.



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